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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/509,198	06/29/2005	Osmo Anttalainen	2624.07US01	7344	
24113 PATTERSON.	7590 08/01/2007 THUENTE, SKAAR & C	HRISTENSEN, P.A.	EXAM	IINER	
4800 IDS CENTER 80 SOUTH 8TH STREET			WELLS, NIKITA		
	IS, MN 55402-2100		ART UNIT	PAPER NUMBER	
			2881		
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		•	08/01/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

		Application No.	Applicant(s)		
Office Action Summary		10/509,198	ANTTALAINEN, OSMO		
		Examiner	Art Unit		
		Nikita Wells	2881		
Period fo	The MAILING DATE of this communication app or Reply	ears on the cover sheet with the c	orrespondence address		
A SH WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING DANSIONS of time may be available under the provisions of 37 CFR 1.13 SIX (6) MONTHS from the mailing date of this communication. Operiod for reply is specified above, the maximum statutory period we are to reply within the set or extended period for reply will, by statute, reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. D (35 U.S.C. § 133).		
Status					
1)⊠	Responsive to communication(s) filed on 24 Se	eptember 2004.			
2a) <u></u> ☐	This action is <b>FINAL</b> . 2b)⊠ This	action is non-final.			
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is				
	closed in accordance with the practice under E	x parte Quayle, 1935 C.D. 11, 45	33 O.G. 213.		
Dispositi	ion of Claims				
5) 6) 7)	Claim(s) <u>29-56</u> is/are pending in the application 4a) Of the above claim(s) is/are withdraw Claim(s) is/are allowed. Claim(s) is/are rejected. Claim(s) is/are objected to. Claim(s) <u>29-56</u> are subject to restriction and/or	vn from consideration.			
Applicati	on Papers				
10)	The specification is objected to by the Examiner The drawing(s) filed on is/are: a) access Applicant may not request that any objection to the correction of the correct	epted or b) objected to by the Edrawing(s) be held in abeyance. See on is required if the drawing(s) is obj	e 37 CFR 1.85(a). ected to. See 37 CFR 1.121(d).		
Priority u	ınder 35 U.S.C. § 119				
12)⊠ <i>a</i> )[	Acknowledgment is made of a claim for foreign    All b) Some * c) None of:  1. Certified copies of the priority documents 2. Certified copies of the priority documents 3. Copies of the certified copies of the priori application from the International Bureau see the attached detailed Office action for a list of	have been received. have been received in Application ty documents have been receive (PCT Rule 17.2(a)).	on No d in this National Stage		
Attachment		_			
2)  Notice 3)  Inform	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO/SB/08) r No(s)/Mail Date	4) Interview Summary ( Paper No(s)/Mail Dai 5) Notice of Informal Pa 6) Other:	te		

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## **DETAILED ACTION**

## Election/Restrictions

1. Restriction to one of the following inventions is required under 35 U.S.C. § 121:

I. Claims 29-47 and 53-54, drawn to a gas measuring device for identifying substances in flowing gas, based on ion mobility, using a reference cell, ionization section, and analysis cell,

are classified in Class 250, subclass 288.

II. Claims 48-52 and 55-56, drawn to a method for an identification of substances in flowing gas, wherein electric fields are set up between electrodes in electrode pairs; a gas sample is taken to be transported through the reference electrode pair and is analyzed, are classified in Class 250, subclass 282.

The inventions are distinct, each from the other because of the following reasons:

Inventions I and II are unrelated. Inventions are unrelated if it can be shown that they are not disclosed as capable of use together and they have different designs, modes of operation, and effects (MPEP § 802.01 and § 806.06). In the instant case, the different inventions are distinct, each from each other because of the following reasons: The claims of Invention I disclose a gas measuring device for identifying substances in flowing gas, based on ion mobility, wherein it has a cell structure comprising a flow channel for controlling a gas flow, a reference cell arranged to form a reference signal, an ionization section for achieving the ionization effect into the sample gas, and an analysis cell arranged to form an analysis signal so that the reference cell, the ionization section, and the analysis cell are located in said order in the direction of flow of the sample gas in the flow channel.

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The claims of Invention II disclose a method for an identification of substances in flowing gas, based on electrical mobility of ions, wherein it has the following steps, in which a first electric field is set between electrodes in a reference electrode pair; a second electric field is set between electrodes in an analysis electrode pair; a gas sample is taken to be transported through the reference electrode pair, an ionization section and the analysis electrode pair in said order; and the gas sample is analyzed.

Because these inventions are independent or distinct for the reasons given above and have acquired a separate status in the art in view of their different classification, restriction for examination purposes as indicated is proper.

## Conclusion

- 2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nikita Wells whose telephone number is (571) 272-2484. The examiner can normally be reached on 8:30 AM - 5:00 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Kim can be reached on (571) 272-2293. The central fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.
- 3. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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Nikita Wells, Primary Examiner

Suitaita Wella

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July 23, 2007